

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/38900

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
IPC(7) : G 06 F 3/00; G 09 G 5/00 US CL : 710/5; 345/702		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols) U.S. : 710/5; 345/702		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Microsoft Computer Dictionary		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) IEEE Xplore database		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	US 2003/0174121 A1 (POUPYREV et al) 18 September 2003 (18.09.2003), paragraphs 3,33,43,46,48,49,74,76-79,81,106,111,128-131.	1-31
X	US 6,429,846 B2 (ROSENBERG et al) 6 August 2002 (06.08.2002), column 2, lines 6-53; column 3, lines 39-63; column 5 lines 10-13; column 6, lines 55-67; column 7, lines 50-65.	1-5,10-13,17,19-25
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Y		6-9,14-16,18,26-31
Y	US 6,018,711 (FRENCH-ST. GEORGE et al) 25 January 2000 (25.01.2000), column 3, lines 14-67, column 5 lines 33-37.	6-9,14-16,18,26-31
<input type="checkbox"/> Further documents are listed in the continuation of Box C.		<input type="checkbox"/> See parent family annex.
<p>* Special categories of cited documents</p> <p>"A" documents defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent published on or after the international filing date</p> <p>"L" document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>		
<p>Date of the actual completion of the international search 23 March 2004 (23.03.2004)</p> <p>Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Classification for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230</p>		<p>Date of mailing of the international search report <b>14 APR 2004</b></p> <p>Authorized officer Jeffrey A Gaffin Telephone No. 703 305-3900</p>

Form PCT/ISA/210 (second sheet) (July 1998)